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16, 4
5/22/00

**NL INDUSTRIES/TARACORP SUPERFUND SITE GROUP
LEED ENVIRONMENTAL, INC.**

**124 Deborah Drive
Reading, PA 19610
Telephone: (610) 670-7310
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May 22, 2000

Telecopy and First Class Mail

Mr. Brad Bradley/Ms. Sheri Bianchin
U.S. Environmental Protection Agency
Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

**RE: NL Industries/Taracorp Superfund Site; Granite City, Illinois
Update on Installation of Groundwater Monitoring Wells**

Dear Mr. Bradley and Ms. Bianchin:

As you know, ARCADIS Geraghty & Miller, Inc. ("ARCADIS") and its well driller, Philip Environmental Services Corporation, remobilized to the NL Industries/Taracorp Superfund Site on May 16, 2000 to install groundwater monitoring wells on the National Steel Corporation, Granite City Steel Division property as part of the pre-design field investigation for groundwater. At the present time, monitoring wells have been installed on National Steel Corporation property as follows:

1. Monitoring well cluster GMMW-115 (shallow and deep) was installed at the approximate location shown on Exhibit 1;
2. Monitoring well cluster GMMW-114, because of access limitations, could not be installed on either National Steel Corporation or Terminal Railroad Association of St. Louis ("Terminal Railroad") property (as shown on Exhibit 1);
3. GMMW-124 was installed as a monitoring well cluster (shallow and deep) at the approximate location shown on Exhibit 2; and
4. GMMW-125 was installed at the approximate location shown on Exhibit 3.

The approximate locations at which the monitoring wells were installed on the National Steel Corporation property are handwritten onto Figure 2.

Mr. Brad Bradley/Ms. Sheri Bianchin
May 22, 2000
Page 2

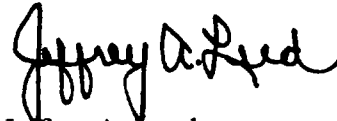
Also, the Group and ARCADIS have recently finalized access arrangements for monitoring well installation and sampling on the Terminal Railroad property. The Group executed an access agreement with Terminal Railroad on May 18, 2000 which has enabled ARCADIS to install monitoring well cluster GMMW-116. Because of access limitations on Terminal Railroad property which prevented installation of the GMMW-116 cluster at the originally planned location, shown on Figure 2, the GMMW-116 cluster was relocated to the approximate location which is handwritten onto Figure 2. The location at which the GMMW-116 cluster was installed is the southernmost area that could be accessed with the drill rig on Terminal Railroad property.

At this time, the Group has achieved access to all of the properties that are known to be needed for installation and sampling of groundwater monitoring wells as part of the pre-design field investigation for groundwater. Except for monitoring well GMMW-114 which could not be installed due to access limitations, ARCADIS completed installation of groundwater monitoring wells on National Steel Corporation and Terminal Railroad properties on May 19, 2000. Groundwater sampling activities for newly installed wells on the National Steel Corporation and Terminal Railroad properties are planned to begin on or about May 23, 2000.

Please advise if you have comments or additional thoughts regarding the installation of monitoring wells. Thank you.

Very truly yours,

LEED ENVIRONMENTAL, INC.

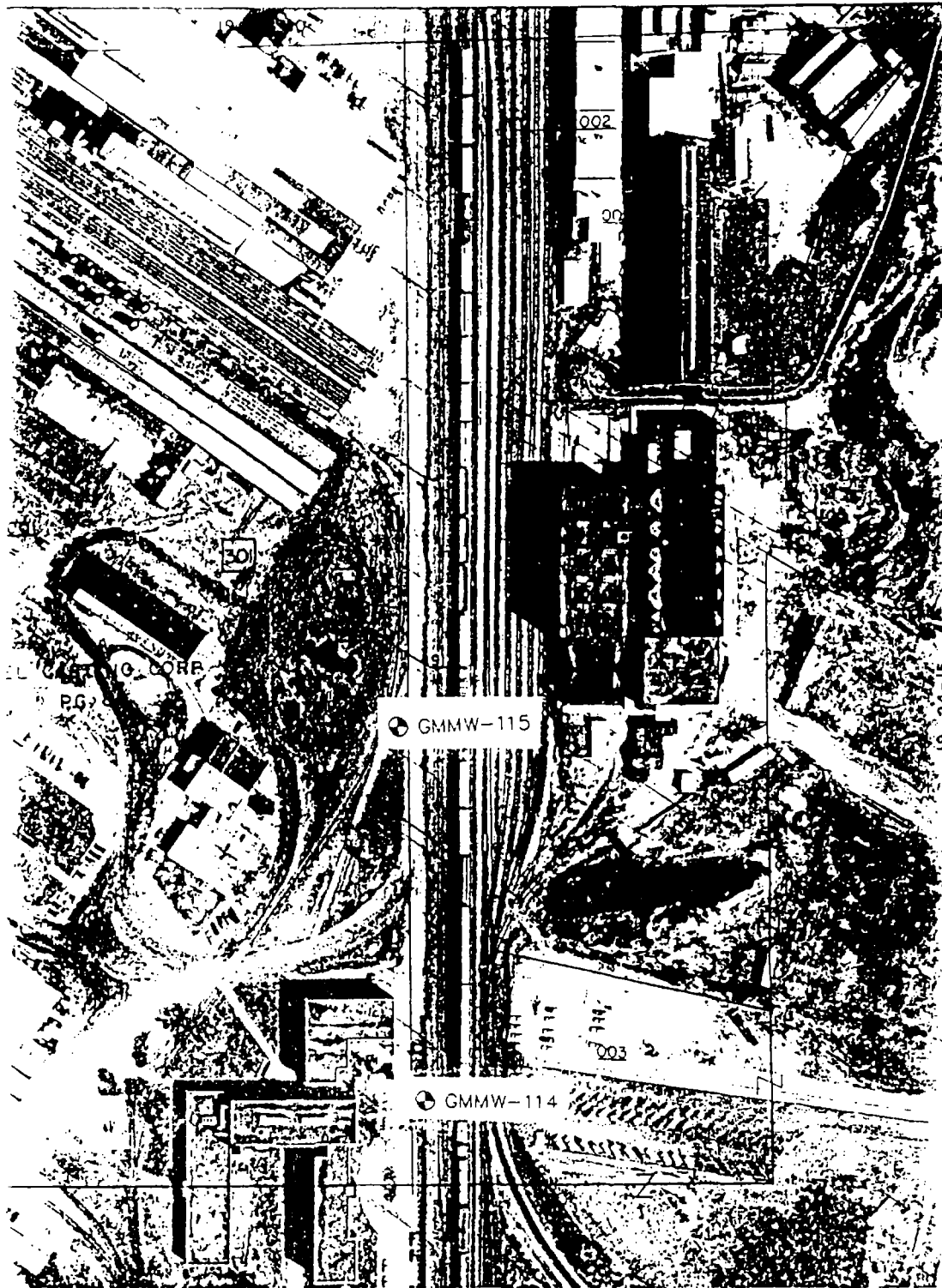


Jeffrey A. Leed
Project Coordinator

attachments

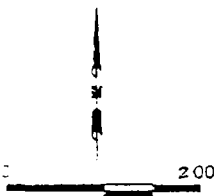
cc: Mr. Jack Kratzmeyer - ARCADIS Geraghty & Miller (w/attachments, by telecopy)
Mr. Nick Valkenburg - ARCADIS Geraghty & Miller (w/attachments, by telecopy)
Technical Committee, NL Industries/Taracorp Superfund Site Group
(w/attachments, by first class mail)

Drawn by: J. J. ...
12/10/99
11/10/99
003 0001
Project No.:
Date: 12/10/99



LEGEND

● MONITORING WELL LOCATION/IDENTIFICATION



ARCADIS GERAGHTY & MILLER

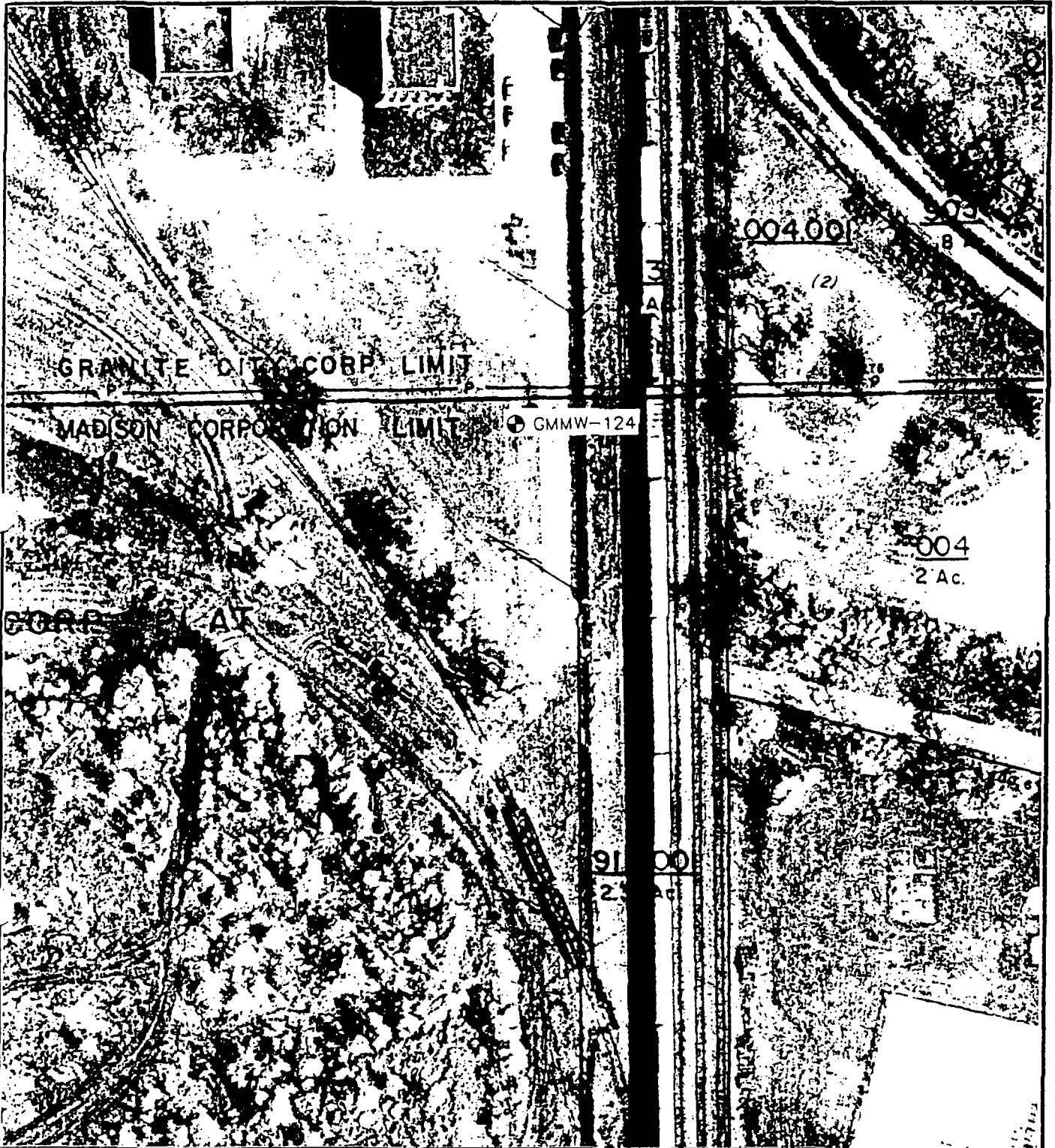
36 East Wacker Drive
Suite 1000, Chicago, Illinois 60601
Tel: 312/263-8700 Fax: 312/263-7897



MONITORING WELL LOCATION
NATIONAL STEEL CORPORATION
GRANITE CITY STREET CO. DIVISION
1417 STATE STREET
GRANITE CITY, ILLINOIS 62040

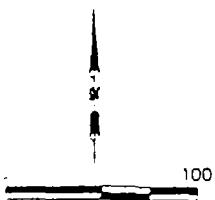
PROJECT NUMBER
CI1003.001

EXHIBIT
1



LEGEND

⊕ MONITORING WELL LOCATION/IDENTIFICATION



ARCADIS GERAGHTY & MILLER



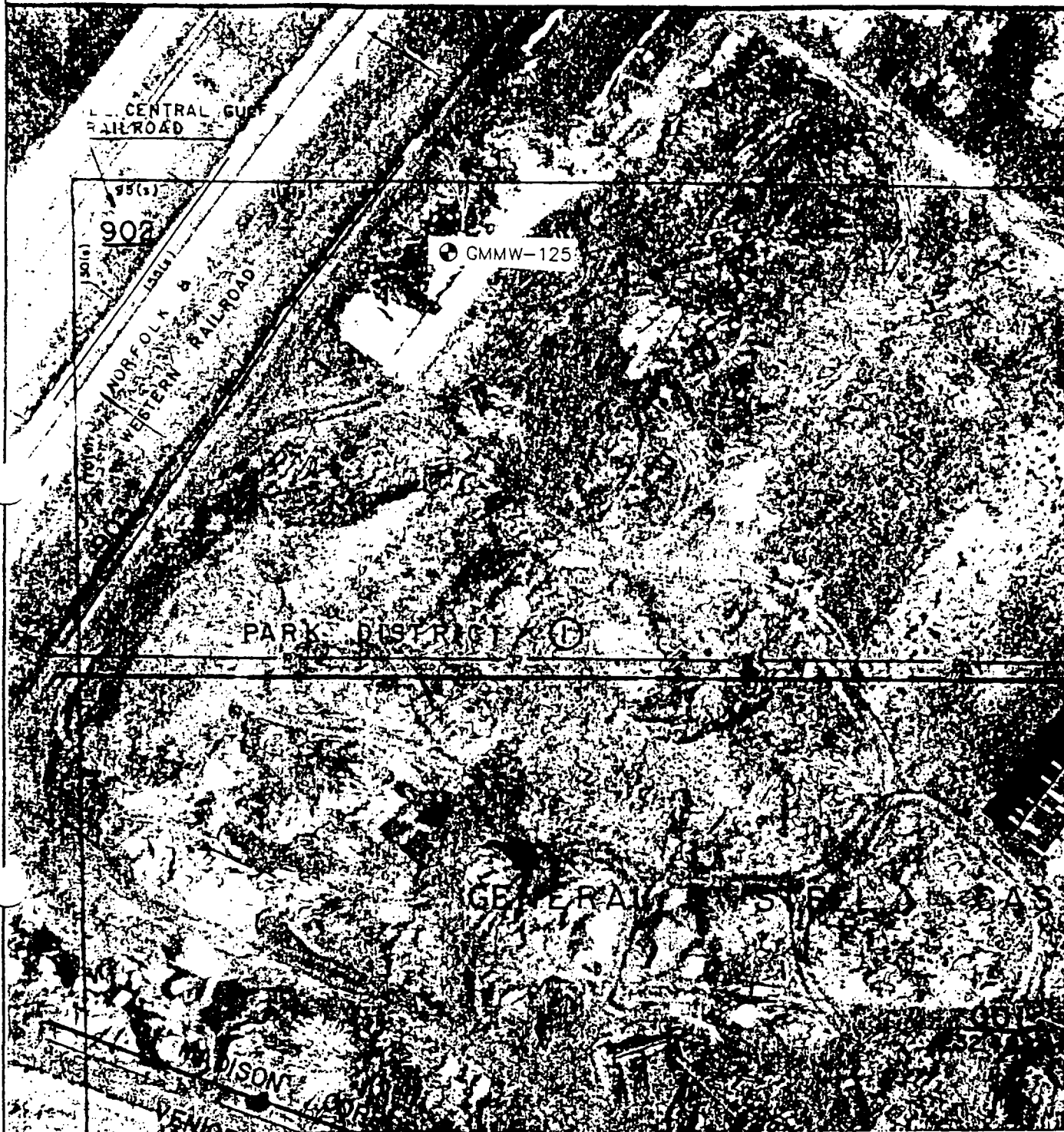
10 East Wacker Drive
 Suite 1000 Chicago, Illinois 60601
 Tel: 312/263-8700 Fax: 312/263-7857

MONITORING WELL LOCATION
 NATIONAL STEEL CORPORATION
 GRANITE CITY STREET CO. DIVISION
 1417 STATE STREET
 GRANITE CITY, ILLINOIS 62040

PROJECT NUMBER
 C11003.001

EXHIBIT

2



LEGEND

● MONITORING WELL LOCATION/IDENTIFICATION

ARCADIS GERAGHTY & MILLER



MONITORING WELL LOCATION
NATIONAL STEEL CORPORATION
GRANITE CITY STREET CO. DIVISION
1417 STATE STREET
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Figure 2

